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(71) Applicant: NITTEC CO LTD

(72) Inventor: WAKATAKE KOICHI

(74) Representative:

(54) AUTOMATIC ANALYZER

(57) Abstract:

PURPOSE: To achieve the miniaturization of an automatic analyzer, by making transfer loci overlap between a reagent container and a reaction container.

CONSTITUTION: Reagent containers 7 and 8 and a reaction container 5 are so arranged to make transfer loci thereof overlap and first and second reagent distributing positions (d) and (e) are formed. A sample container 1 held in a sample cassette 2 is transferred to a sample sucking position (a) and a required amount of a sample in the container 1 is sucked through a pipette device 4 to be distributed into the container 5 held in a reaction container holder 6 at a sample distributing position (b). The container 5 with the sample distributed therein is transferred to the position (d) by one pitch, and a first reagent R1 is distributed therein in a specified amount at the position (d) from the container 7. Then, after the distribution of the reagent R1, the container 5 is transferred to the position (e), where a second reagent R2 is distributed into the container 5 in a specified amount from the container 8. Then, absorbance of the sample in the container 5 is measured with an optically measuring device 10, and upon the end of the optical measurement, the container 5 used is transferred to a cleaner.

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